

moving the tool in the line past the devices as the transmitter transmits the first signal to the devices and the receiver receives second signals from the devices; and

locating the tool in the line using the second signals.

22. (added) The method of claim 21 wherein the line comprises a plurality of joints and the radio identification devices are attached to the joints.

23. (added) The method of claim 21 wherein the line comprises a well and the devices are located at known depths in the well.

24. (added) The method of claim 21 further comprising providing a log of the line, providing a computer with data from the log, transmitting the second signals to the computer during the moving step, and using the computer to perform the locating step.

25. (added) The method of claim 21 further comprising perforating the line using information from the locating step.

26. (added) A method for determining a location of a tool in a well comprising:

providing a radio frequency transmitter and a radio frequency receiver on the tool;

providing a plurality of radio identification devices in the well at known depths configured to receive a first signal from the transmitter and to transmit a plurality of second signals to the receiver;

moving the tool through the well past the devices as the transmitter transmits the first signal and the receiver receives the second signals; and

using the second signals to determine the location of the tool in the well.

27. (added) The method of claim 26 further comprising logging the well, and using data from the logging step to determine the known depths of the devices.

28. (added) The method of claim 26 further comprising transmitting the second signals to a computer at a surface of the well and using the computer to perform the determining step.

29. (added) The method of claim 26 further comprising perforating the well using information from the using step.

30. (added) The method of claim 26 wherein the devices comprise passive or active radio identification devices.

31. (added) A method for determining a depth of a tool in a well comprising:

providing a plurality of radio identification devices in the well, each device located at a known depth and configured to receive a first signal and to transmit a unique second signal responsive to reception of the first signal;

providing a transmitter on the tool configured to transmit the first signal and a receiver on the tool configured to receive second signals from the devices;

moving the tool in the well past the devices as the transmitter transmits the first signal and the receiver receives the second signals; and

transmitting the second signals to a surface of the well.

32. (added) The method of claim 31 further comprising providing a fluid in the well and using the fluid to transmit the first signal and to receive the second signals.

33. (added) The method of claim 31 further comprising logging the well to obtain data and using the data to determine the known depth.

34. (added) The method of claim 31 wherein the well comprises a fluid transmission line comprising a plurality of joints and the radio identification devices are attached to the joints.

35. (added) The method of claim 31 wherein the transmitting step is performed using a wire line.

36. (added) The method of claim 31 further comprising providing a computer at the surface and the second signals are transmitted to the computer.

37. (added) The method of claim 36 further comprising providing the computer with log data and using the data to quantify the depth.

38. (added) An apparatus for determining position in a fluid line comprising:

a tool configured for moving through the line, the tool comprising a radio frequency transceiver; and

a plurality of radio identification devices in the line at known locations therealong, each device configured to receive a first signal from the transceiver and to transmit a unique second signal to the transceiver as the tool passes in proximity to the device.

39. (added) The apparatus of claim 38 wherein the line comprises a subterranean well.

40. (added) The apparatus of claim 38 further comprising a computer configured to receive unique second

signals from the devices and to quantify the position of the tool in the line.

41. (added) The apparatus of claim 38 wherein the line comprises a plurality of couplings and the devices are on the couplings.

42. (added) An apparatus for determining a location of a tool in a well comprising:

a radio frequency transmitter and a radio frequency receiver on the tool;

a plurality of radio identification devices in the well at known depths configured to receive a first signal from the transmitter and to transmit a plurality of second signals to the receiver as the tool is moved past the devices; and

a computer configured to receive the second signals and to ascertain the location of the tool.

43. (added) The apparatus of claim 42 further comprising a well log data programmed into the computer.

44. (added) The apparatus of claim 42 wherein the well comprises a fluid transmission line comprising a plurality of couplings, and the devices are attached to the couplings.

45. (added) The apparatus of claim 42 further comprising a wire line attached to the tool for transmitting the second signals to a surface of the well.